DOCKET NO: 240441US0

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF	
HAJIME IKUNO, ET AL.	: EXAMINER: MORILLO, J.
SERIAL NO: 10/620,388	
FILED: JULY 17, 2003	: GROUP ART UNIT: 1742
FOR: PISTON MADE OF ALUMINUM CAST ALLOY AND METHOD OF MANUFACTURING THE SAME	*
	· · · · · · · · · · · · · · · · · · ·
DECLARATION	UNDER 37 C.F.R. § 1.132

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

STR:

	1, Hajime	Ikuno	a citizen of Japan,	
hereb	y declare and state that:			
	1. I have a degree in _	Master of	metallic material engineering, which we	is
confe	rred upon me in Japan by			
locate	din 2-1 Tamada	oka, Su	cita, Osaka	
	2. I have been employe	d by Toyo	eta (entral Research & Development	labs, Inc.
since			years of work and research experience in the	
	f Metallic ma			
	3. The following experi	ments were ca	arried out by me or under my direct supervision	<i>:</i>

- and control.

 4. The experimental conditions used to create Tables 9 and 10 of the specification
- The experimental conditions used to create Tables 9 and 10 of the specification were used to produce the attached Tables 9+ and 10+.

Application No. 10/620,388 Declaration Under 37 C.F.R. § 1.132

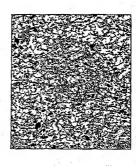
- 5. The symbol o in Tables 9+ and 10+ has the same meaning as in Tables 9 and 10. namely that "the structure is fine and homogenized" (specification at page 45, lines 9-10).
- 6. Table 9+ and Fig. 6+, along with Table 9 and Figs. 5-8 from the specification. show that a significant improvement in homogeneous texture is achieved by the invention of independent Claims 1 and 31 in the range of "Ca(Calcium): 0.0005-0.003 mass%".
- 7. Table 10+ and Fig. 9+, along with Table 10 and Figs. 9-11 from the specification. show that a significant improvement in homogeneous texture is achieved by the invention of independent Claims 15 and 26 in the range of "Ca(Calcium): 0,0005-0,003 mass%".
- 8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.
 - 9. Further declarant saith not.

Date:	March 7, 2	2007		Hazim	a Skuno	
	*		-			
						
			Declara	nt's Name (1	yped)	

Table 9+ (with Fig. 6+) Table 10+ (with Fig. 9+)

texture

the 10+						1				-					-
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Flg.9+

(macro-structure of Example A+)

(micro-structure of Example B+)